



ABSTRACT

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A back brace apparatus is disclosed which has electromechanical means for tightening a brace around the trunk of a patient to a desired tension. The electromechanical means is controllable by the patient to effect predetermined tension settings. A cable and pulley arrangement tightened by a motor provides a mechanical advantage so that the brace may be tightened by a small motor. A microprocessor controls the motor to obtain the desired repeatable tension settings.